MIAMI-DADE COUNTY

Department of Transportation and Public Works (DTPW)

South Corridor Rapid Transit Project Public Kick-Off Meeting

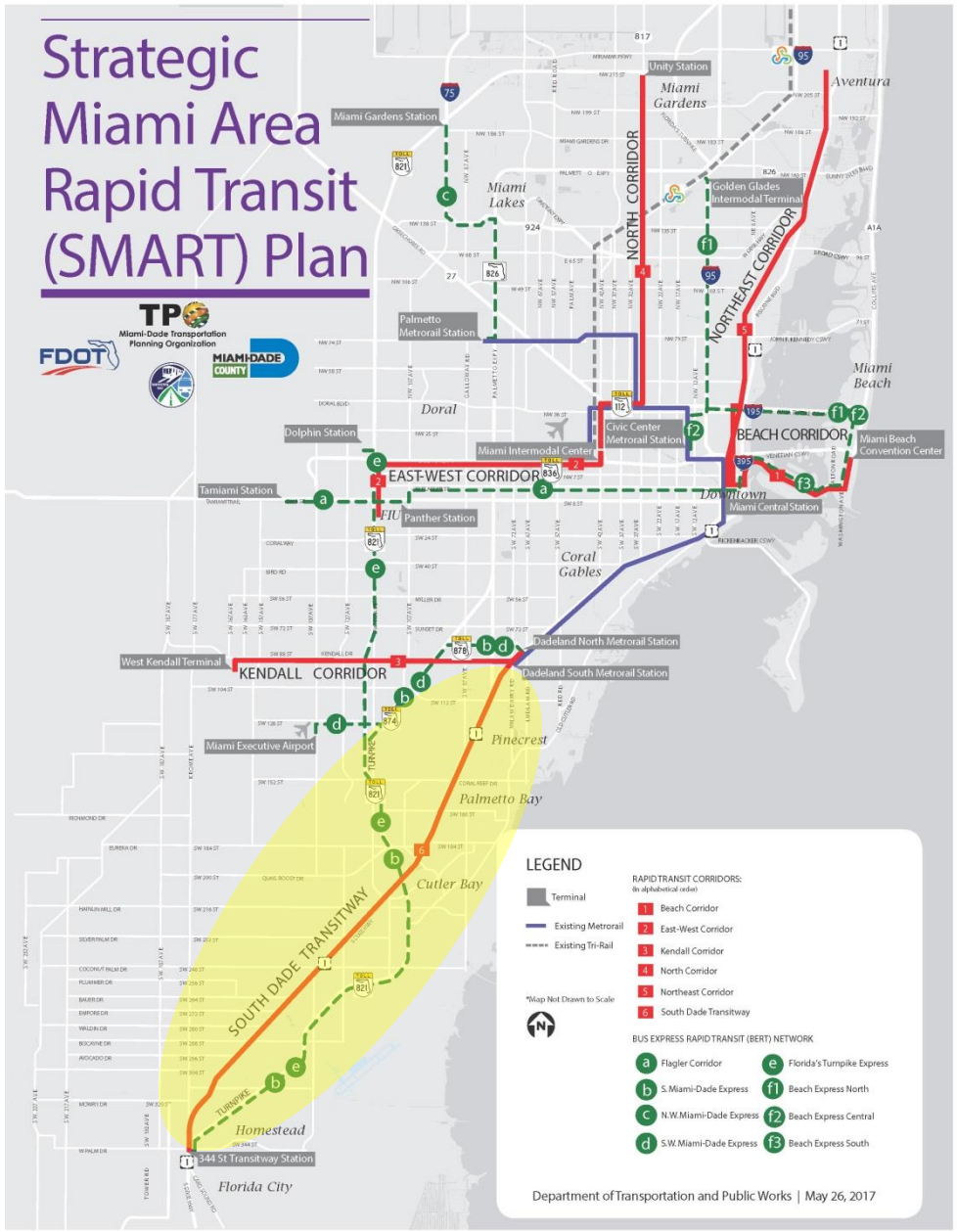
Wednesday, May 31, 2017



Meeting Overview

- Miami-Dade County SMART Plan
- South Corridor
- Project History and Timeline
- South Corridor History
- Transitway Existing Conditions
- Study Elements
- Project Scope and Purpose
- Existing Transit Facilities
- Project Schedule
- Study Objectives
- Technologies
- Public Involvement
- Locally Preferred Alternative

Miami-Dade County SMART Plan



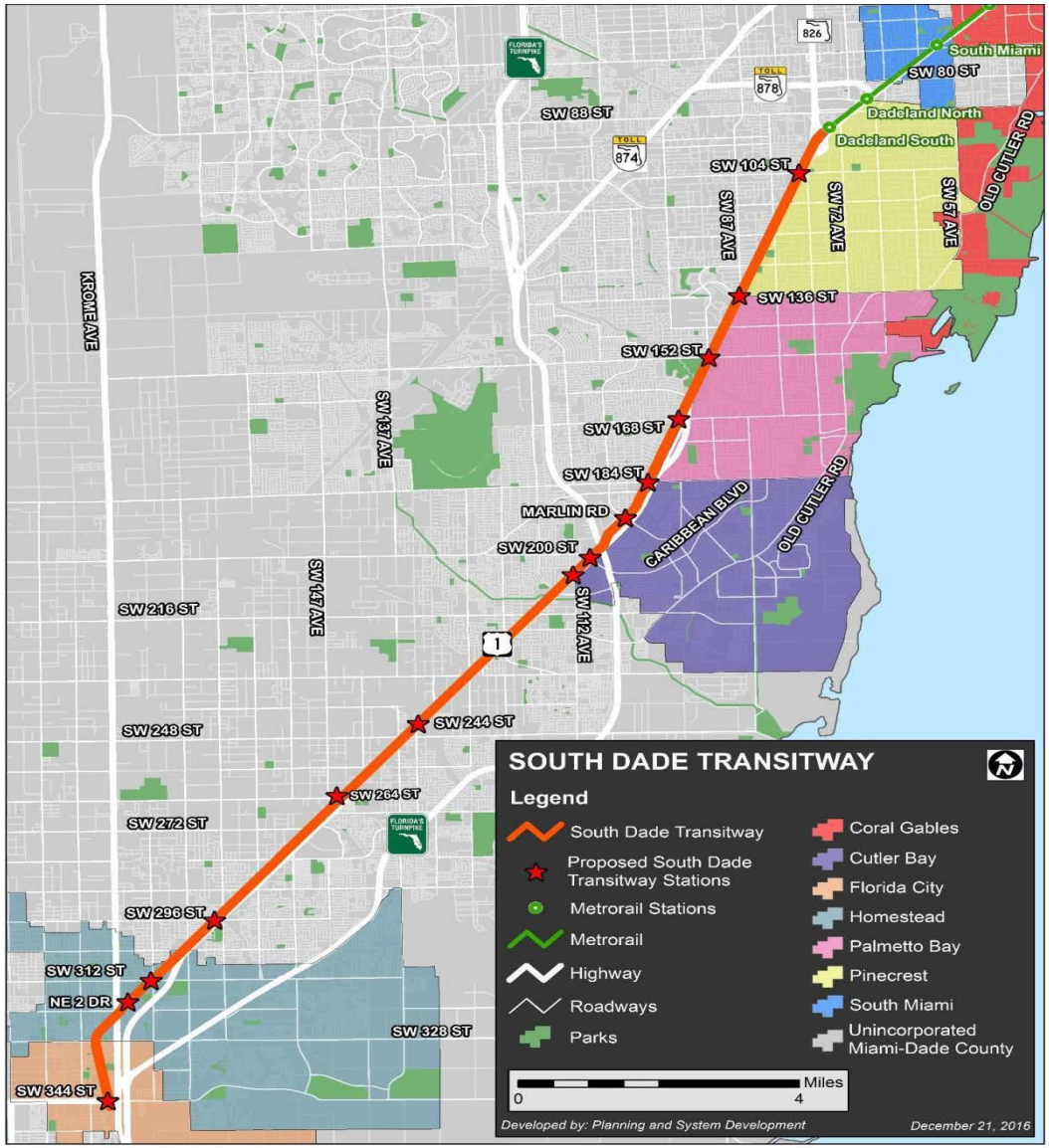
Six Corridors:

- Beach Corridor
- East-West Corridor
- Kendall Corridor
- North Corridor
- Northeast Corridor
- **South Corridor**

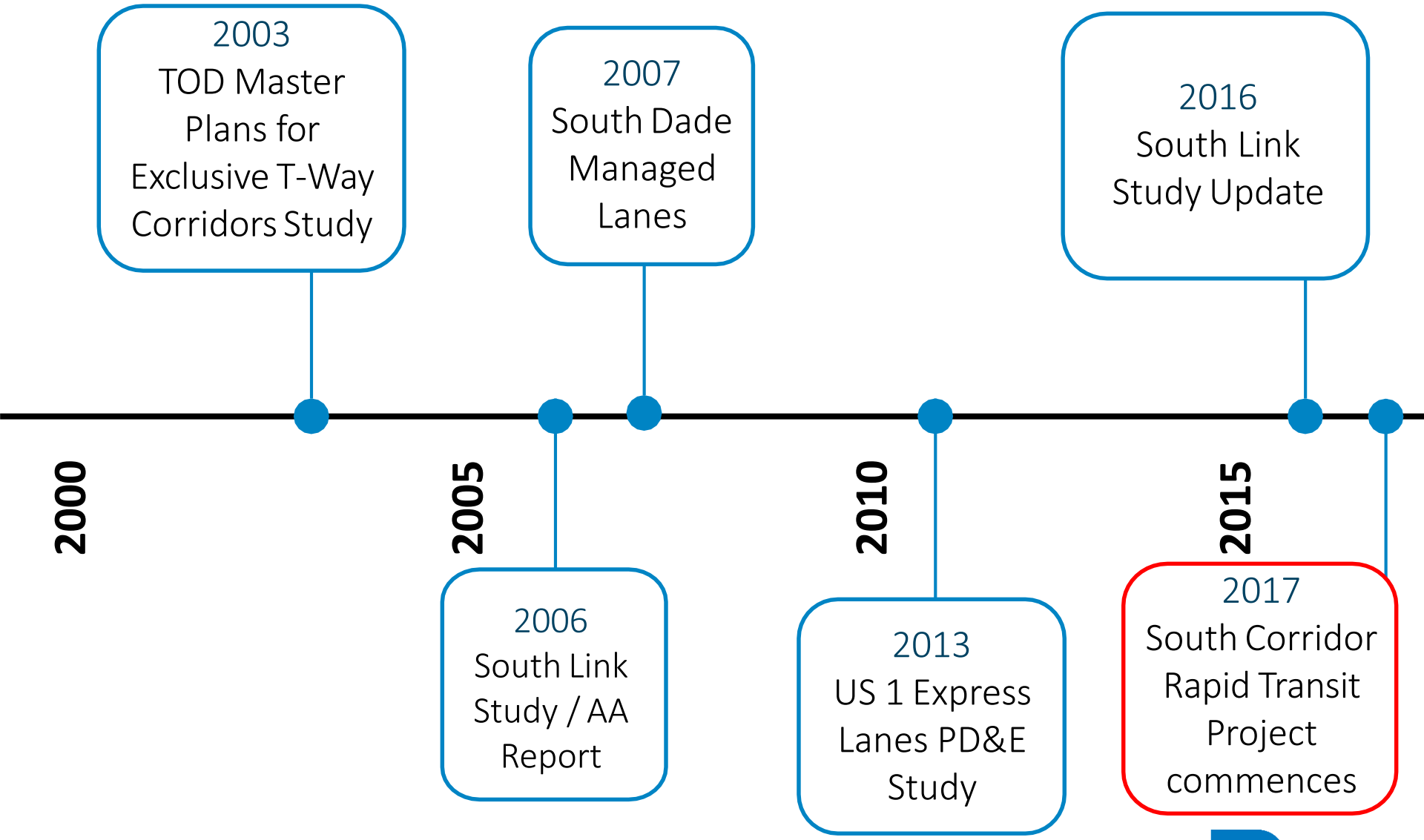
South Corridor

- Existing South Dade Transitway: Connects Dadeland South Metrorail Station with SW 344th Street in Florida City (approximately 20 miles)

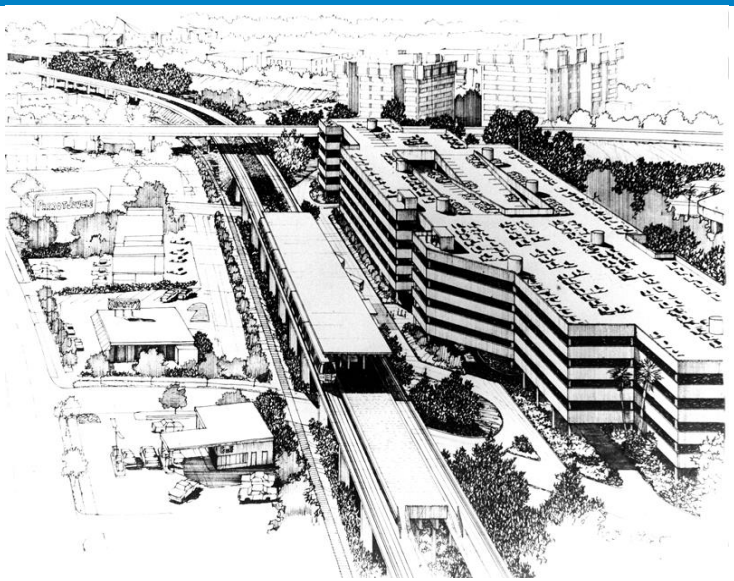
- Corridor Cities
  - Village of Pinecrest
  - Village of Palmetto Bay
  - Town of Cutler Bay
  - City of Homestead
  - City of Florida City



Project History Timeline

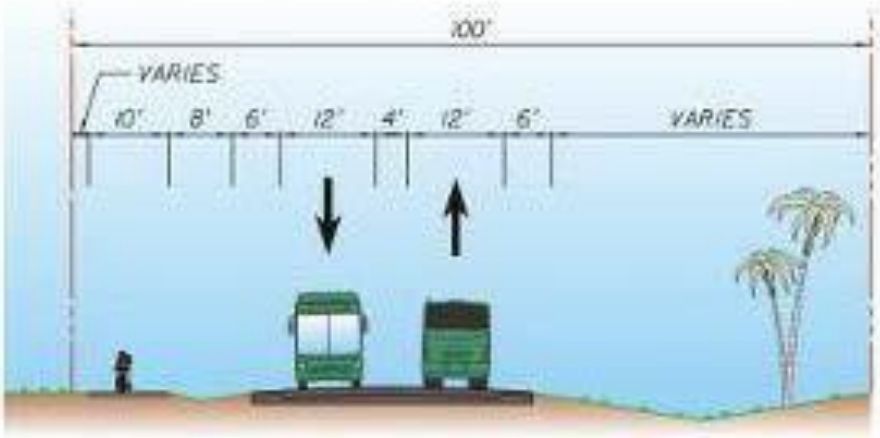


South Corridor History

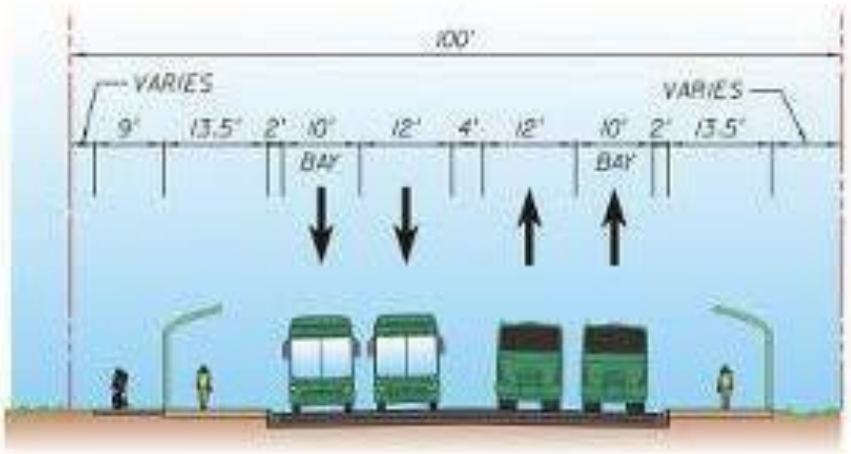


Transitway Existing Conditions

- Mostly 100-foot wide right-of-way for its entire length
- Designed for transit buses and emergency/ security vehicles
- One 12-foot wide bus lane per direction with 29 stations
- 8-10 foot wide bicycle/pedestrian path along the west side, separated from bus lanes by a swale
- Adjacent to US-1



Typical Roadway Section



Typical Station Section

Study Elements

Public Involvement	Continuous outreach and coordination with community and stakeholders
Data Collection	Review of existing conditions
Engineering Analysis	Develop and evaluate alternatives that meet the goals of the project
Environmental Evaluations	Identify potential impacts to social, natural, and physical environments

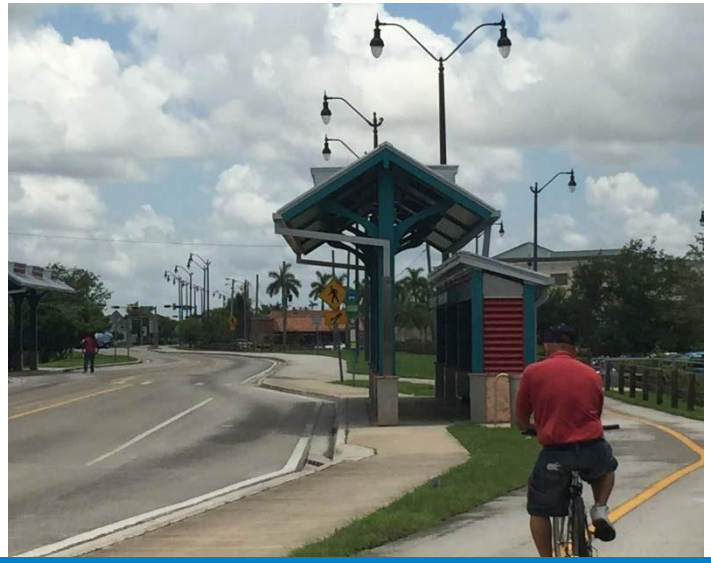
Project Scope

- Document Existing Conditions
- Develop Transit Mode Alternatives using Existing Transitway Alignment
- Station Stop Locations and Transit Terminals
- Multimodal Connections

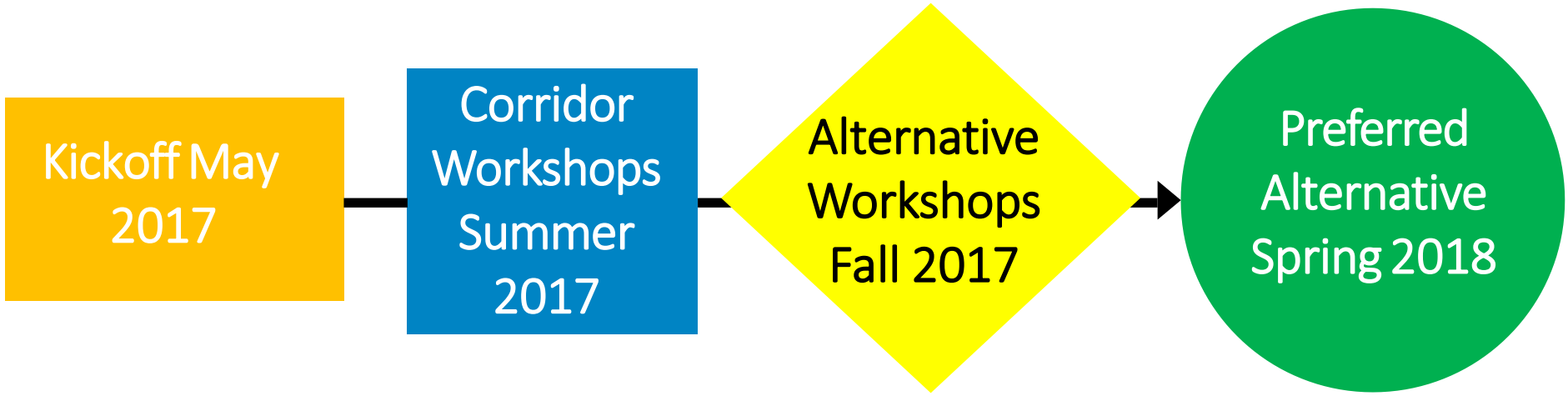
Project Purpose

- Improve Mobility
- Promote Connectivity
- Enhance Accessibility
- Stimulate Economic Development

Existing Transit Facilities



Project Schedule



Study Objectives: Evaluate Transit Alternatives

- At-Grade Metrorail Extension
- At-Grade BRT using the existing Transitway
- At-Grade Light Rail Transit
- Connected and Autonomous Vehicle (CAV) alternative

All alternatives will consider grade separations at major intersections

Review of Transit Technologies

Metrorail Extension	Bus Rapid Transit (BRT)	Light Rail Transit (LRT)	Connected and Autonomous Vehicles (CAV)
			
			

Examples: At-Grade Rail Rapid Transit

Chicago CTA Brown Line

Boston MBTA
Blue Line

Examples: At-Grade Bus Rapid Transit

Los Angeles County Metro
Orange Line
(Source: Metro.net)

Cleveland
GCRTA
HealthLine

Examples: At-Grade Light Rail Rapid Transit

Portland, OR Tri-Met (Source: Dan Haneckow, Flickr)

Connected and Autonomous Vehicle Technology

Source: CityMobile2, National Center for Transit Research

Source: EasyMile, National Center for Transit Research

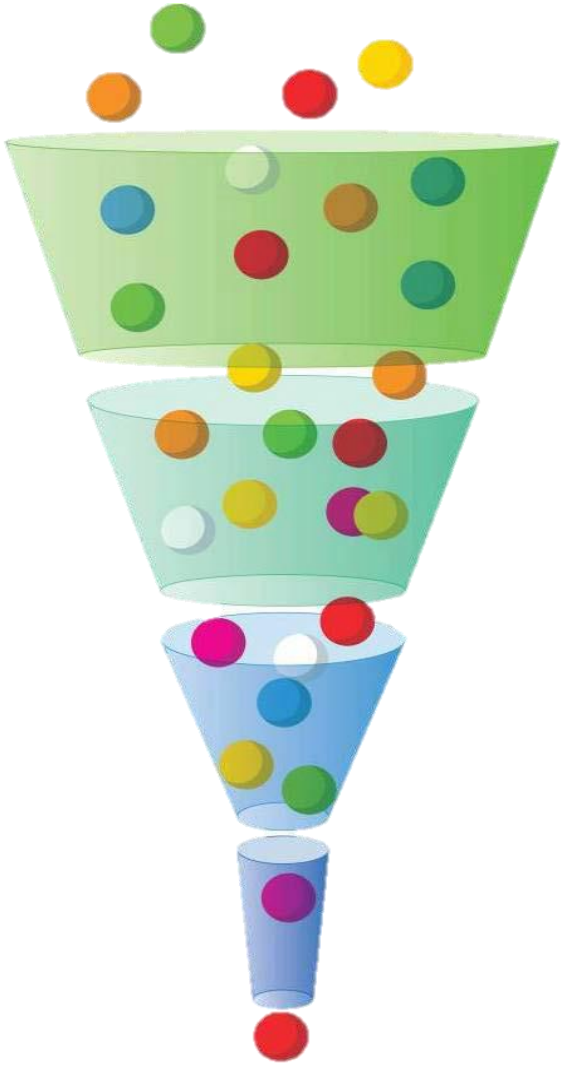
Public Involvement

- Elected Officials and Agency Kick-Off Meeting
- Public Kick-Off Meeting
  - Outreach
    - Property Owner Notices
    - Advertisements (Miami Herald and El Nuevo Herald)
    - Meeting Notice Distribution
      - Metrorail Station
      - Park and Ride Lots
      - Public Facilities (18 locations)
- DTPW Social Media and Municipal Networks
- Unscheduled Meetings
- Fact Sheets (English and Spanish)
- Corridor Workshops - Fall 2017
- Project Website: www.miamismartplan.com

#MiamiSMARTPlan

MIAMI-DADE COUNTY

Selecting the Locally Preferred Alternative (LPA)



Purpose and Need

- Identify the need for transit investment
- Determine project goals and objectives
- Define evaluation criteria

Tier 1 Definition and Evaluation: Qualitative

- Identify the universe of alternatives
- Qualitative evaluation to determine feasibility

Tier 2 Definition and Evaluation: Quantitative

- Define the remaining alternatives in detail:
  - Develop operating plan
  - Generate ridership forecast
  - Estimate capital and O&M costs
- Evaluate the alternatives in detail

Selection of Locally Preferred Alternative (LPA)

Public Feedback

Q&A

Project Team

DTPW Project Manager Jie Bian
(786) 469-5245
jie.bian@miamidade.gov

John Kulpa
Consultant Project Manager
AECOM
(786) 682-4962
john.kulpa@aecom.com

DTPW Public Information Officer Karla Damian
(786) 469-5420
kdamian@miamidade.gov